

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-23 (Cancelled)

24. (Currently Amended) A mobile fumigation system positioned within at least one ISO general purpose shipping container, the container comprising:

a first gas-tight compartment including a fumigation chamber being adapted to contain produce to be fumigated;

a second compartment including a fumigation apparatus operatively coupled to the fumigation chamber, and

a partition wall separating the first compartment and the second compartment, wherein the fumigation apparatus includes:

a fumigant inlet device operatively coupled to the fumigation chamber through the partition wall to allow a flow of a toxic fumigant into the fumigation chamber;

an extraction device operatively coupled to the fumigation chamber and arranged to remove a majority of the toxic fumigant from the fumigation chamber; and

an absorption device operatively coupled to the extraction device, the absorption device being designed to absorb the toxic fumigant removed from the fumigation chamber in order to prevent a release of the toxic fumigant into atmosphere.

25. (Previously Presented) A mobile fumigation system, comprising:
a fumigation chamber defined by at least one gas-tight ISO general purpose shipping container adapted to accommodate produce to be fumigated, and
a fumigation apparatus located in a separate container,
wherein the fumigation apparatus is operatively coupled to the fumigation chamber of the at least one gas-tight general purpose shipping container, the fumigation apparatus comprising:
a fumigant inlet device for flowing a toxic fumigant into the fumigation chamber;
an extraction device for removing a majority of the toxic fumigant from the fumigation chamber; and
an absorption device for absorbing the toxic fumigant removed from the fumigation chamber in order to prevent a release of the toxic fumigant into atmosphere.

26. (Currently Amended) The mobile fumigation system as defined in claim 25, ~~comprising an additional~~ wherein a second shipping container ~~accommodating accommodates~~ a second fumigation chamber, ~~wherein and~~ the second fumigation chamber is operatively coupled to the fumigation apparatus positioned in the separate container.

27. (Previously Presented) The fumigation system as defined in claim 24 wherein the partition wall in the shipping container separating the fumigation apparatus and the fumigation chamber is secure against passage of fumigant.

28. (Previously Presented) The fumigation system as defined in claim 24 wherein the absorption device comprises an absorption bed including activated carbon for absorbing at least part of the fumigant extracted from the fumigation chamber.

29. (Previously Presented) The fumigation system as defined in claim 24 also including a sliding bed or floor on which the produce resides, the bed or floor being configured to slide into and out of the fumigation chamber wherein loading and unloading of the produce to be fumigated can be performed externally of the chamber.

30. (Previously Presented) The fumigation system as defined in claim 24 wherein the fumigation apparatus incorporates a source of the fumigant which is directly associated with a heating source, the latter used to convert the fumigant into a gaseous form.

31. (Previously Presented) The fumigation system as defined in claim 24 wherein the fumigant inlet device is adapted to detachably couple to a mobile source of the fumigant.

32. (Previously Presented) The fumigation system as defined in claim 24 wherein the second compartment incorporates a system control box, a gas-tight fumigant supply source and a plurality of fumigant delivery pipes and valves adapted in use to supply fumigant from the supply source through the partition wall to the fumigation chamber.

33. (Previously Presented) The fumigation system as defined in claim 32 wherein the fumigant inlet device is coupled to a dispersion pipe system located in the fumigation chamber.

34. (Previously Presented) The fumigation system as defined in claim 24 wherein the fumigation chamber contains a plurality of floor and wall-mounted pipes independently connected via a system of taps and connectors to a fumigant sampling and detection meter unit located in the second compartment.

35. (Previously Presented) The fumigation system as defined in claim 32 wherein the system control box contains a fumigant sampling and detection meter unit and power supply switches for mixing fans, exhaust fan, lights, gas heaters and valve actuators.

36. (Currently Amended) The fumigation system as defined in claim ~~[[24]]~~ 28, comprising a device for washing at least part of the absorption bed with a chemical solution to remove and degrade the absorbed fumigant.

37. (Previously Presented) The fumigation system as defined in claim 36 wherein the solution comprises sodium thiosulphate for degrading methyl bromide.

38. (Withdrawn) A method of fumigating produce, the method comprising the steps of:

providing a fumigation apparatus including an ISO general purpose shipping

container which at least in part defines a fumigation chamber and a mobile fumigation means operatively coupled to the shipping container;

locating the produce to be fumigated in the fumigation chamber;

providing a flow of a fumigant to the fumigation chamber;

extracting at least some of the fumigant from the chamber;

absorbing the fumigant extracted from the fumigation chamber; and

washing at least part of the absorption means to remove and degrade the absorbed fumigant.

39. (Withdrawn) A method of fumigating produce as defined in claim 38 wherein the fumigant extracted from the chamber is absorbed on an absorption bed.

40. (Previously Presented) The mobile fumigation system as defined in claim 25 wherein the fumigation chamber is defined by a pair of shipping containers positioned alongside one another, each container operatively coupled to the fumigation apparatus.

41. (Previously Presented) The mobile fumigation system as defined in claim 40 wherein the fumigant inlet device is adapted to detachably couple to a mobile source of the fumigant.

42. (Previously Presented) The mobile fumigation system as defined in claim 41 wherein the fumigation apparatus incorporates a system control box, a fumigant supply source and a system of fumigant delivery pipes and valves adapted in use to supply fumigant

from the supply source to the fumigation chamber.

43. (Previously Presented) The mobile fumigation system as defined in claim 42 wherein the fumigant inlet device is operatively coupled to a dispersion pipe system located in the fumigation chamber.

44. (Previously Presented) The mobile fumigation system as defined in claim 43 wherein the fumigation chamber contains a plurality of floor and wall-mounted pipes independently connected via a system of taps and connectors to a fumigant sampling and detection meter unit located in the separate container.

45. (Previously Presented) A mobile fumigation system positioned within at least one ISO general purpose shipping container, the container comprising:

- a first compartment containing a fumigation chamber being adapted to contain produce to be fumigated; and

- a second compartment containing a fumigation apparatus operatively coupled to the fumigation chamber, the fumigation apparatus including:

- a fumigant inlet device for providing a flow of a toxic fumigant into the fumigation chamber;

- an extraction device for removing a majority of the toxic fumigant from the fumigation chamber; and

- an absorption device for absorbing the toxic fumigant removed from the fumigation chamber in order to prevent a release of the toxic fumigant into atmosphere.